

Superfund Records Center

SITE: SUTTON BROOK

BREAK: 11.09

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X

0908-4155

APPROVED

MAY 01 1987

ENVIRONMENTAL
ENGINEERING

TECHNICAL DATA

PRODUCT NAME: XP Button Coating - White

PHYSICAL PROPERTIES

Color:	White	Viscosity:	75-85 KU @ 77°F.
Weight/Gal.:	10.19 \pm 0.2 Lbs/Gal.	pH:	N.A.
Weight Solids:	56.2 \pm 2.0%	VOC:	4.46 Lb/Gal.
Volume Solids:	39.9 \pm 2.0%	Flash Point:	84°F.
Coverage:	640 Sq. Ft. per Gal. @ 1.0 Mil.		

APPLICATION AND CURE DATA

Viscosity:	20-25 Sec. #2 Zahn	Substrate:	Steel
Reduction:	2-1/2:1 by Volume	Pretreatment:	Unknown
Reducer:	75-988 Thinner	Application Method:	Spray
Cure:	Flash 10 Min.; Bake 15 Min. @ 350°F.		

CURED FILM PROPERTIES

Film Thickness: 0.7 - 1.0 Mil.
Gloss: Greater than 75 at 60°
Adhesion: 100%

Comments: Clean tools and equipment with Xylol or 75-988 Thinner

**McGean-Rohco, Inc.**

1250 Terminal Tower, Cleveland, Ohio 44113, 216/621-6425

**MATERIAL SAFETY
DATA SHEET**

Product Name: XPR Button Coating - White		Emergency Phone No.: 313-872-1800
Plant Address: 38521 Schoolcraft Avenue, Livonia, Michigan 48150		Chemtrec Phone No. 800/424-9300
Prepared By: M. Arthur Detrisac	Issue Date: 4-21-87	Revised Date:

INGREDIENTS AND HAZARDOUS COMPONENTS

Material	%	TLV	C.A.S. #	Suspect Carcinogen
Xylene	25	100 PPM	1330-20-7	No
Propylene Glycol Mono Methyl Ether Acetate	25	N.A.	108-65-6	No
Normal Butyl Alcohol	5	50 PPM	71-36-3	No
Ethyl Alcohol	<5	1000 PPM	64-17-5	No
Methyl Isobutyl Ketone	<5	50 PPM	108-10-1	No

PHYSICAL DATA

Boiling Point: 176-295°F.	Freezing Point: UK	Specific Gravity: 1.22	pH: N.A.
Vapor Pressure at 20°C: 5.1 MM	Vapor Density (Air = 1): UK	% Volatiles by Volume: 60	Odor: Characteristic Paint
Evaporation Rate (Butyl Acetate = 1) 0.75		Solubility in Water: Insoluble	
Appearance and Form: White Liquid			

FIRE AND EXPLOSION HAZARD DATA

Flash Point: 84°F.	Flammable Limits in Air:
Test Method: Setaflash	% By Volume Upper: Lower: 1.0
Extinguishing Media: CO ₂ , Foam, dry chemical, water fog.	
Special Fire Fighting Procedures: Use water to cool closed containers.	
Unusual Fire and Explosion Hazards: Closed containers may explode if exposed to extreme heat.	
DOT Classification: Flammable Liquid UN 1263	Note: UK = Unknown NA = Not Applicable

After 5:00 PM, Call Either 559-2775 or 455-6587

TRW-02771

0908-4157

HEALTH HAZARD DATA

Effects of Overexposure and Primary Entries to Body: Inhalation: Anesthetic. Irritation of the respiratory tract or acute nervous depression characterized by headache, dizziness, staggering gait, confusion, unconsciousness or coma.
Eye Contact: Primary irritation. Skin Contact: Primary irritation.

Emergency and First Aid Procedures: Inhalation: Remove to fresh air. Restore breathing. Treat symptomatically. Consult physician. Splash (eyes): Flush immediately with large amounts of water for at least 15 minutes. Take to physician for medical treatment. Splash (skin): Wash affected areas with soap and water. Remove contaminated clothing. Consult physician if irritation persists.
Ingestion: Drink 1 or 2 glasses of water to dilute. Do not induce vomiting. Treat symptomatically.

REACTIVITY DATA

☒ Stable ☐ Unstable Conditions to Avoid: Heat, Sparks, Open Flame and Fire

Incompatibility — Materials to Avoid: Strong oxidizing agents.

Hazardous Decomposition Products: CO, CO₂, oxides of nitrogen.

Hazardous Polymerization: ☐ May Occur ☒ Will Not Occur

SPILL OR LEAK PROCEDURES

Spills: Dike area to contain spill. Avoid breathing vapors. Recover free liquid by addition of inert absorbent to spill. Clean up area and place material in a suitable disposal container using non-sparking tools.

Waste Disposal Methods: Disposal must be made in accordance with local, state and federal disposal laws. Incineration or landfilling must be in an approved facility. Do not incinerate closed containers.

SPECIAL PROTECTION INFORMATION

Respirator: Non required if adequate ventilation used.

Ventilation: Local-normal rate.

Gloves: Rubber	Eye and Face: Goggles	Other: Rubber Apron
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Handling and Storage: Do not store above 120°F. Store away from high heat, sparks or open flame. Avoid skin and eye contact. Avoid prolonged or repeated breathing of vapors or mist.

THIS PRODUCT SAFETY DATA SHEET IS OFFERED SOLELY FOR YOUR INFORMATION, CONSIDERATION AND INVESTIGATION.

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APPROVED

MAY 01 1987

ENVIRONMENTAL
ENGINEERING

TECHNICAL DATA

PRODUCT NAME: XP Button Coating - Clear

PHYSICAL PROPERTIES

Color:	Clear	Viscosity:	75-85 KU @ 77°F.
Weight/Gal.:	8.32 Lbs/Gal.	pH:	N.A.
Weight Solids:	41.9 \pm 2.0%	VOC:	4.83 Lb/Gal.
Volume Solids:	34.8 \pm 2.0%	Flash Point:	84°F.
Coverage:	558 Sq. Ft. per Gal. at 1.0 Mil.		

APPLICATION AND CURE DATA

Viscosity:	20-25 Sec. #2 Zahn	Substrate:	Steel
Reduction:	2-1/2:1 by volume	Pretreatment:	Unknown
Reducer:	75-988 Thinner	Application Method:	Spray
Cure:	Flash 10 Min.; Bake 15 Min. @ 350°F.		

CURED FILM PROPERTIES

Film Thickness: 0.7 - 1.0 Mil.

Gloss: 100+ at 60°

Adhesion: 100%

Comments: Clean tools and equipment with Xylol or 75-988 Thinner

**McGean-Rohco, Inc.**

1250 Terminal Tower, Cleveland, Ohio 44113, 216/621-6425

**MATERIAL SAFETY
DATA SHEET**

Product Name: XP Button Coating - Clear		Emergency Phone No.: 313-872-1800
Plant Address: 38521 Schoolcraft Avenue, Livonia, Michigan 48150		Chemtrec Phone No. 800/424-9300
Prepared By: M. Arthur Detrisac	Issue Date: 4-21-87	Revised Date:

INGREDIENTS AND HAZARDOUS COMPONENTS

Material	%	TLV	C.A.S. #	Suspect Carcinogen
Xylene	25	100 PPM	1330-20-7	No
Propylene Glycol Mono Methyl Ether Acetate	25	N.A.	108-65-6	No
Normal Butyl Alcohol	10	50 PPM	71-36-3	No
Ethyl Alcohol	<5	1000 PPM	64-17-5	No
Methyl Isobutyl Ketone	<5	50 PPM	108-10-1	No

PHYSICAL DATA

Boiling Point: 176-295°F.	Freezing Point: UK	Specific Gravity: 1.0	pH: N.A.
Vapor Pressure at 20°C: 5.1 MM	Vapor Density (Air = 1): UK	% Volatiles by Volume: 65	Odor: Characteristic Paint
Evaporation Rate (Butyl Acetate = 1) 0.75		Solubility in Water: Insoluble	
Appearance and Form: Clear Liquid			

FIRE AND EXPLOSION HAZARD DATA

Flash Point: 84°F.	Flammable Limits in Air:
Test Method: Setaflash	% By Volume Upper: Lower: 1.0
Extinguishing Media: CO ₂ Foam, dry chemical, water fog	
Special Fire Fighting Procedures: Use water to cool closed containers.	
Unusual Fire and Explosion Hazards: Closed containers may explode if exposed to extreme heat.	
DOT Classification: Flammable Liquid UN 1263	Note: UK = Unknown NA = Not Applicable

After 5:00 PM, Call Either 559-2775 or 455-6587

TRW-02774

0908-4160

HEALTH HAZARD DATA

Effects of Overexposure and Primary Entries to Body: Inhalation: Anesthetic. Irritation of the respiratory tract or acute nervous depression characterized by headache, dizziness, staggering gait, confusion, unconsciousness or coma, Eye Contact: Primary irritation. Skin Contact: Primary irritation.

Emergency and First Aid Procedures: Inhalation: Remove to fresh air. Restore breathing. Treat symptomatically. Consult physician. Splash (eyes): Flush immediately with large amounts of water for at least 15 minutes. Take to physician for medical treatment. Splash (skin): Wash affected areas with soap and water. Remove contaminated clothing. Consult physician if irritation persists. Ingestion: Drink 1 or 2 glasses of water to dilute. Do not induce vomiting. Consult physician or poison control center immediately.

REACTIVITY DATA

<input checked="" type="checkbox"/> Stable	<input type="checkbox"/> Unstable	Conditions to Avoid: Heat, Sparks, Open Flame and Fire
Incompatibility — Materials to Avoid: Strong oxidizing agents.		
Hazardous Decomposition Products: CO, CO ₂ , oxides of nitrogen.		
Hazardous Polymerization: <input type="checkbox"/> May Occur <input checked="" type="checkbox"/> Will Not Occur		

SPILL OR LEAK PROCEDURES

Spills:	Dike area to contain spill. Avoid breathing vapors. Recover free liquid by addition of inert absorbent to spill. Clean up area and place material in a suitable disposal container using non-sparking tools.
Waste Disposal Methods:	Disposal must be made in accordance with local, state and federal disposal laws. Incineration or landfilling must be in an approved facility. Do not incinerate closed containers.

SPECIAL PROTECTION INFORMATION

Respirator:	None required if adequate ventilation used.	
Ventilation:	Local-normal rate.	
Gloves: Rubber	Eye and Face: Goggles	Other: Rubber apron.
Handling and Storage: Do not store above 120°F. Store away from high heat, sparks or open flame. Avoid skin and eye contact. Avoid prolonged or repeated breathing of vapors or mist.		

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DATE OF ISSUE
09/27/85SUPERSEDES
08/01/85

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ACCURATE IN LIGHT OF CURRENT FORMULATION. HOWEVER, NO WARRANTY
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OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF.

SECTION I - GENERAL INFORMATION

CHEMICAL NAME & SYNONYMS N/A	TRADE NAME & SYNONYMS ND-165	
CHEMICAL FAMILY ALKALINE DETERGENT	FORMULA <--MIXTURE	
MANUFACTURERS NAME: NATIONAL CHEMSEARCH DIV. OF NCH CORP.		
ADDRESS (NUMBER, STREET, CITY, STATE & ZIP CODE) BOX 182170 IRVING, TEXAS 75015		
PREPARED BY: KEVIN UHL/T.S. CHEMIST	PRODUCT CODE NUMBER 0237	EMERGENCY TELEPHONE NUMBER 214-438-4144 EXT. 013

SECTION II- HAZARDOUS INGREDIENTS

CHEMICAL NAME (INGREDIENTS)	HZD D TYPE	TLV*	PEL*	CAS#
SODIUM METASILICATE	SKIN IRR.	2MG/M3 1.	2MG/M3 1.	6834-92-0

SECTION III - PHYSICAL DATA

BOILING PT. (FAHRENHEIT)	210	SPEC GRAVITY (H2O=1)	1.050
VAPOR PRESSURE (MM HG)	17	COLOR	YELLOW-GREEN
VAPOR DENSITY (AIR=1)	6	ODOR	LOW

ND-165

(CONTINUED)

SECTION III - PHYSICAL DATA

PAGE : 02

PH @ 100%	12.2	CLARITY	TRANSPARENT
PERCENT VOLATILE BY VOLUME (%)	95	EVAPORATION RATE (BU AC = 1)	0.10
SOLUBILITY IN WATER	COMPLETE		
VISCOSITY	NON-VISCOUS		

SECTION IV - FIRE AND EXPLOSION HAZARD

FLASH POINT (METHOD USED)	NON-FLAM	FLAMMABLE LIMITS	N/A	LEL	N/A	UEL	N/A
EXTINGUISHING MEDIA	"ALCOHOL"						
<--FOAM	<--FOAM	<--CD2	<--CHEMICAL	<--WATER	<--SPRAY	<--OTHER	
SPECIAL FIRE FIGHTING PROCEDURES							
N/A							

UNUSUAL FIRE & EXPLOSION HAZARDS

N/A

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE :

NOT ESTABLISHED FOR MIXTURE. SEE SECTION II.

EFFECTS OF OVEREXPOSURE

- ACUTE - (SHORT TERM EXPOSURE)
ACUTE EXPOSURE FROM THIS ALKALINE MIXTURE MAY RESULT IN REDDENING OF THE
SKIN, MODERATE IRRITATION & POSSIBLE DISCOMFORT. IRRITATING BY INHALATION
AND BY MIST TO UPPER RESPIRATORY TRACT OR OTHER MUCOUS MEMBRANE AREAS. EYE
CONTACT PRODUCES TEARING, IRRITATION & DISCOMFORT. ACCIDENTAL INGESTION
MAY CAUSE NAUSEA, DIARRHEA AND IRRITATION OF INTESTINAL LINING.
- CHRONIC - (LONG TERM EXPOSURE)
LONG-TERM MISUSE RESULTING FROM AIRBORNE CONCENTRATIONS OF MIST OR SPRAY
MAY CAUSE DAMAGE TO UPPER RESPIRATORY TRACT. CHRONIC EFFECTS MAY RESULT
IN SUPERFICIAL DESTRUCTIN OF SKIN TISSUE AND DERMATITIS. CHRONIC EYE
EXPOSURE CAN LEAD TO DESTRUCTION OF EYE TISSUE TO BLINDNESS.

0908-4162

TRW-02776

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09/78S 000/00

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OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF

SECTION I - GENERAL INFORMATION

CHEMICAL NAME & SYNONYMS NO-166 TRADE NAME & SYNONYMS
N/A
CHEMICAL FAMILY FORMULA
ALKALINE DETERGENT N-GLUTERATE
MANUFACTURER'S NAME
NATIONAL CHEMSEARCH DIV OF NCH CORP
ADDRESS NUMBER STREET CITY STATE & ZIP CODE
BOX 192178
EVING, TEXAS 75015
PREPARED BY PRODUCT CODE NUMBER EMERGENCY TELEPHONE NUMBER
KEVIN LAUT'S CHEMIST 0037 814-638-6166
CCECEJ

SECTION II - HAZARDOUS INGREDIENTS

CHEMICAL NAME INGREDIENTS MSD TYPE TLV PEL CAS#
SODIUM METASILICATE 85% NR 2500MG/1 2500MG/1 6034-22-6
CCECEJ

SECTION III - PHYSICAL DATA

BOLING PT (F/ANNEAL) 210 SPEC GRAVITY (20/20) 1.000
VAPOR PRESSURE (MM HG) 17 COLOR YELLOW-GREEN
VAPOR DENSITY (AIR=1) 4 ODOR LOW

NO-166

EYE CONTACT
OBJECT IS TO SEEK MEDICAL ATTENTION IMMEDIATELY. FLUSH WITH PLENTY OF
WATER FOR AT LEAST 15 MINUTES HOLDING EYELIDS APART TO ENSURE FLUSHING
OF THE ENTIRE EYE SURFACE. SEEK MEDICAL ATTENTION IF ANY IRRITATION
PERSISTS
SKIN CONTACT
WASH WITH PLENTY OF WATER. SEEK MEDICAL ATTENTION IF ANY IRRITATION
PERSISTS
INGESTION
IF SWALLOWED DO NOT INDUCE VOMITING. GIVE LARGE QUANTITIES OF WATER IF
AVAILABLE. GIVE SEVERAL GLASSES OF CITRUS JUICE. NEVER GIVE ANYTHING BY
MOUTH TO AN UNCONSCIOUS PERSON. SEEK MEDICAL ATTENTION IMMEDIATELY
NOTES TO PHYSICIAN
SODIUM METASILICATE GASTRIC LAVAGE IS INDICATED

SECTION VI - TOXICITY INFORMATION

SODIUM METASILICATE 85% NR 2500MG/1 REV 2
ORAL-PO LD50 2500MG/KG 2

SECTION VII - REACTIVITY DATA

STABILITY
N/A
INCOMPATIBILITY MATERIALS TO AVOID
MAY ETCH GLASS AND ANODIZED ALUMINUM
HAZARDOUS DECOMPOSITION PRODUCTS
N/A
HAZARDOUS WILL NOT MAY
X --SCUP --OCUL CONDITIONS TO AVOID
POLYMERIZATION

SECTION VIII - SPILL OR LEAK PROCEDURES

NO-166

PH 9 100% 12.2 CLARITY TRANSPARENT
PERCENT VOLATILE 95 EVAPORATION RATE 810
(BY VOLUME %) (20/20 AC + 1)
SOLUBILITY IN WATER COMPLETE
VISCOSITY NON-VISCOUS

SECTION IV - FIRE AND EXPLOSION HAZARD

FLASH POINT (METHOD USED) FLAMMABLE LIMITS LEL UEL
NON-FLAM N/A
EXTINGUISHING MEDIA "ALCOHOL" DRY WATER
--FOAM --CO2 --CHEMICAL --SPRAY --OTHER
SPECIAL FIRE FIGHTING PROCEDURES

N/A

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE
NOT ESTABLISHED FOR MIXTURE SEE SECTION II
EFFECTS OF OVEREXPOSURE
--ACUTE-- SHORT TERM EXPOSURE
ACUTE EXPOSURE FROM THIS ALKALINE MIXTURE MAY RESULT IN REDDENING OF THE
SKIN. MODERATE IRRITATION & POSSIBLE DISCOMFORT. IRRITATING BY INHALATION
AND BY MIST TO UPPER RESPIRATORY TRACT OR OTHER MUCOUS MEMBRANE AREAS
CONTACT PRODUCES TEARING, IRRITATION & DISCOMFORT. ACCIDENTAL INGESTION
MAY CAUSE NAUSEA, DIARRHEA AND IRRITATION OF GASTROINTESTINAL TRACT
--CHRONIC-- LONG TERM EXPOSURE
PRIMARY ROUTE OF ENTRY X -- INHALATION X -- ABSORPTION
EMERGENCY & FIRST AID PROCEDURES
INHALATION
TYPICALLY NOT A HAZARD, BUT GET TO FRESH AIR AND TREAT SYMPTOMATICALLY

NO-166

STEPS TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
SMALL SPILL: FLUSH SURFACE WITH LARGE AMOUNTS OF WATER & FLUSH DOWN DRAIN.
LARGE SPILL: STOP LEAK. CONTAIN SPILL. REMOVE BY WET VACUUM OR ADEQUATE
SLURRY SPILLED MATERIAL IF POSSIBLE OTHERWISE PLACE IN CLOSED LABELED
CONTAINER AND STORE IN SAFE PLACE FLUSHING REMAINING RESIDUE TO DRAIN
WASTE DISPOSAL METHOD
REPORT OF IN ACCORDANCE WITH STATE, FEDERAL & LOCAL REGULATIONS
CONCERNING HEALTH POLLUTION. NORMAL PROCEDURE: SKIN OFF FLOATING OIL &
GREASE AND FLUSH DOWN DRAIN OR SEPARATE IN AUTOMATIC OIL/WATER SEPARATOR
AND FLUSH DOWN DRAIN
NEUTRALIZING AGENT
SULFATE (10%) HCL OR FLUSH WITH LARGE AMOUNTS OF WATER

SECTION IX - SPECIAL PROTECTION INFORMATION

REQUIRED VENTILATION
GOOD INDUSTRIAL HYGIENE PRACTICE DICTATES THAT THE WORK AREAS SHOULD
PROVIDE ADEQUATE VENTILATION OR CONTROLS TO MAINTAIN AND MEET OSHA
REQUIREMENTS
RESPIRATORY PROTECTION
GENERAL EXHAUST IS ADEQUATE
PROTECTIVE GLOVES
WEAR IMPERVIOUS GLOVES (SYNTHETIC, ELASTOMERS OR
PVC TO MINIMIZE SKIN CONTACT
EYE PROTECTION
CHEMICAL GOGGLES DEPENDING UPON SEVERITY OF
CONTACT
OTHER PROTECTION
N/A

SECTION X - STORAGE AND HANDLING INFORMATION

STORAGE TEMPERATURE
100 F --MAX 22 F --MIN X
INDOOR HEATED REFRIGERATED OUTDOOR
PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE
STORE AT MODERATE TEMPERATURES
OTHER PRECAUTIONS
KEEP OUT OF REACH OF CHILDREN
READ ENTIRE LABEL BEFORE USING

APPROVED

JUL 22 1986

ENVIRONMENTAL
ENGINEERING

0908-4163

TRW-02777